

Title (en)  
ANTIMALARIAL HEXAHYDROPYRIMIDINE ANALOGUES

Title (de)  
ANTIMALARIA-HEXAHYDROPYRIMIDINANALOGA

Title (fr)  
ANALOGUES D'HEXAHYDROPYRIMIDINE ANTIPALUDIQUES

Publication  
**EP 4017591 A1 20220629 (EN)**

Application  
**EP 20767729 A 20200817**

Priority  
• GB 201911865 A 20190819  
• GB 201913759 A 20190924  
• EP 2020073011 W 20200817

Abstract (en)  
[origin: WO2021032687A1] A series of 2-imino-6-methylhexahydropyrimidin-4-one derivatives, and analogues thereof, substituted in the 6-position by an arylcarbonylamino phenyl or heteroarylcarbonylamino phenyl moiety, being potent inhibitors of the growth and propagation of the Plasmodium falciparum parasite in human blood, are beneficial as pharmaceutical agents, especially in the treatment of malaria.

IPC 8 full level  
**A61P 33/06** (2006.01); **A61K 31/513** (2006.01); **C07D 239/22** (2006.01); **C07D 407/04** (2006.01); **C07D 407/14** (2006.01); **C07D 471/04** (2006.01)

CPC (source: CN EP US)  
**A61K 47/06** (2013.01 - US); **A61P 33/06** (2017.12 - CN EP US); **C07D 239/22** (2013.01 - CN EP US); **C07D 405/04** (2013.01 - CN); **C07D 405/14** (2013.01 - CN); **C07D 407/04** (2013.01 - EP US); **C07D 407/14** (2013.01 - EP US); **C07D 413/14** (2013.01 - CN); **C07D 471/04** (2013.01 - CN EP US); **C07D 487/04** (2013.01 - CN); **Y02A 50/30** (2017.12 - EP)

Citation (search report)  
See references of WO 2021032687A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2021032687 A1 20210225**; CA 3141524 A1 20210225; CN 114206856 A 20220318; EP 4017591 A1 20220629; JP 2022545077 A 20221025; US 2022289685 A1 20220915

DOCDB simple family (application)  
**EP 2020073011 W 20200817**; CA 3141524 A 20200817; CN 202080047416 A 20200817; EP 20767729 A 20200817; JP 2022510205 A 20200817; US 202017632336 A 20200817